

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the subject application.

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Original) A method of preparing a collagen-containing material for injection into a human, comprising:
 - A. removing at least a portion of a collagen-containing material from a non-human animal;
 - B. subjecting the collagen-containing material to a cellular disruption treatment;
 - C. digesting the collagen-containing material with a glycosidase to remove first surface carbohydrate moieties; and
 - D. establishing said collagen-containing material in a form of a liquid, colloid, semi-solid, suspended particulate, gel, or paste, and combinations thereof.
11. (Original) The method according to claim 10 comprising the further step of sterilizing said material.
12. (Original) The method according to claim 11 wherein said sterilization step includes irradiating said collagen-containing material with e-beam ionizing radiation.
13. (Original) The method according to claim 12 wherein said radiation is a dose approximately equal to 17.8 KGy.

14. (Original) The method according to claim 11 wherein said sterilization step includes irradiation of said collagen-containing material with gamma radiation in the amount 0.2 MegaRad to about 3 MegaRad.

15. (Original) The method according to claim 10 further comprising the steps of: Following glycosidase digestion, treating of carbohydrate moieties of the collagen containing material with capping molecules.

16. (Original) The method according to claim 10 wherein said cellular disruption treatment is selected from the group consisting of exposure to ultraviolet radiation, immersion in alcohol and/or freeze/thaw cycling.

17. (Original) A method of preparing a collagen-containing material for injection into a human comprising:

- A. removing at least a portion of a collagen-containing material from a non-human animal;
- B. subjecting the collagen-containing material to a cellular disruption treatment;
- C. treating said collagen-containing material with proteoglycan depleting factors to establish said collagen-containing material as having reduced proteoglycans; and
- D. establishing said collagen-containing material in a form of a liquid, colloid, semi-solid, suspended particulate, gel, or paste, and combinations thereof.

18. (Original) The method according to claim 17 comprising the further step of sterilizing said material.

19. (Original) The method according to claim 18 wherein said sterilization step includes irradiating said collagen-containing material with e-beam ionizing radiation.

20. (Original) The method according to claim 19 wherein said radiation is a dose approximately equal to 17.8 KGy.

21. (Original) The method according to claim 18 wherein said sterilization step includes irradiation of said collagen-containing material with gamma radiation in the amount 0.2 MegaRad to about 3 MegaRad.
22. (Original) The method according to claim 17 further comprising the steps of: following said proteoglycan-depleting factor treatment, treating of carbohydrate moieties of the collagen-containing material with capping molecules.
23. (Original) The method according to claim 17 wherein said cellular disruption treatment is selected from the group consisting of exposure to ultraviolet radiation, immersion in alcohol and/or freeze/thaw cycling.